

1926155-2 ✓ ACTIVE

MINI CROWN EDGE | CROWN EDGE

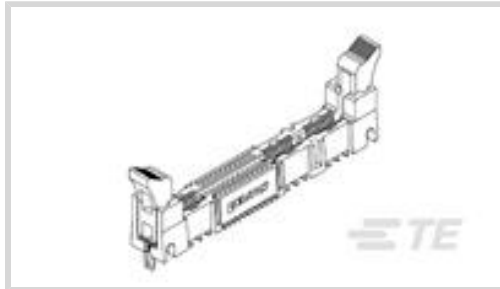
TE Internal #: 1926155-2

Card Edge Power Connectors, Board-to-Board, 30 Position, 1.27 mm [.05 in] Centerline, Power & Signal, 6 Power Positions, CROWN EDGE

[View on TE.com >](#)



Connectors > PCB Connectors > Card Edge Connectors > Card Edge Power Connectors



Connector System: **Board-to-Board**

Number of Positions: **30**

Centerline (Pitch): **1.27 mm [.05 in]**

Connector & Contact Terminates To: **Printed Circuit Board**

Contact Current Rating (Max): **25 A**

Features

Product Type Features

Connector Mates With	Printed Circuit Board
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	30
Number of Power Positions	6
Number of Signal Positions	24
Number of Dual Positions	3

Electrical Characteristics

Operating Voltage	250 V
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Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Thickness	3.05 μm , 3.81 μm [120 μin][150 μin]
Contact Layout	Inline
Contact Type	Socket



Contact Mating Area Plating Material Thickness	.76 μm [29.92 μin]
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PCB Contact Termination Area Plating Material Finish	Matte
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PCB Contact Termination Area Plating Material	Tin
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Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	25 A
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Contact Mating Area Plating Material	Gold
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Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Mating Retention	With
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Mating Alignment	With
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PCB Mount Alignment	Without
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PCB Mount Retention	With
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PCB Mount Retention Type	Boardlock
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Mating Retention Type	Latch
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Connector Mounting Type	Board Mount
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Housing Features

Housing Material	Glass Filled Polyester
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Centerline (Pitch)	1.27 mm[.05 in]
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Dimensions

Accepts Card Thickness	1.57 mm[.062 in]
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Card Slot Depth	6 mm[.236 in]
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Accepts Card Width	54.57 mm[2.15 in]
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Connector Height	19.25 mm[.758 in]
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Row-to-Row Spacing	6.75 mm[.266 in]
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Power Contact Centerline	9.7 mm[.381 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Agency/Standard	CSA, UL
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Approved Standards	CSA 1935071, UL 1977
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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	48
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Packaging Method	Box & Tray, Tray
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Reflow solder capable to 260°C
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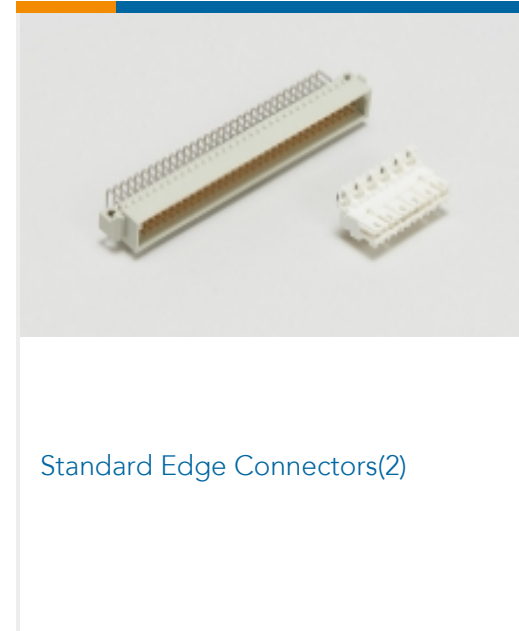
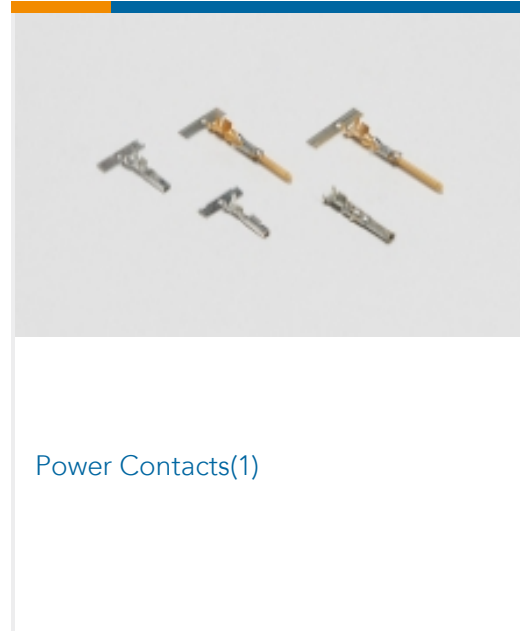
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Also in the Series | **CROWN EDGE**



Customers Also Bought



Documents

Product Drawings

[Conn SKT W/Latch smt mc-p3s12](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_1926155-2_F.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_1926155-2_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1926155-2_F.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC04_VRM](#)

English

Product Specifications

[Application Specification](#)

English